

PATENT APPLICATION

IN THE U.S. PATENT AND TRADEMARK OFFICE

February 21, 2002

Applicant(s): Julian HODGSON

For: IMAGE COMPRESSION AND DECOMPRESSION

Serial No.: 09/937 376 Group: Unknown

Confirmation No.: 8005

Filed: September 21, 2001 Examiner: Unknown

International Application No.: PCT/GB00/01081

International Filing Date: 22 March 2000

Atty. Docket No.: R&G Case 328

Assistant Commissioner for Patents
Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 CFR §§ 1.56 and 1.97, the Applicant takes this opportunity to call to the attention of the U. S. Patent and Trademark Office documents that may be material to the prosecution of this application.

This paper is submitted before the issuance of any first substantive Office Action for this application. Accordingly, no fees are due in order to ensure consideration of the cited documents.

The documents the Applicant now believes are material to the prosecution of this application are listed on the attached Forms PTO-1449.

The Form PTO-1449, page 1, lists the documents cited in the International Search Report for the Patent Cooperation Treaty application upon which this application is based. According to the Notification of Missing Requirements letter mailed for this application on November 14, 2001, the USPTO already has in its files for this application a copy of the references cited in the International Search Report.

Accordingly, duplicate copies are not now being provided. If, however, copies are not in the Examiner's file upon review of

this application, a call to the undersigned will result in prompt delivery of replacement copies.

This application claims priority from British Patent Application No. 9906603.7. A copy of the Search Report issued by The (British) Patent Office for '603.7 application is enclosed herewith. Also enclosed are the three documents cited in that search by The Patent Office.

The Applicant also provides a copy of U. S. Patent No. 5 956 431 which it believes may be material to this application.

The documents cited by The Patent Office and the last discussed patent are listed on the Form PTO-1449, page 2.

Further commentary regarding the relevancy of the cited documents is not believed necessary at this time.

Respectfully submitted,


David S. Goldenberg

DSG\pcq

FLYNN, THIEL, BOUTELL	Dale H. Thiel	Reg. No. 24 323
& TANIS, P.C.	David G. Boutell	Reg. No. 25 072
2026 Rambling Road	Ronald J. Tanis	Reg. No. 22 724
Kalamazoo, MI 49008-1699	Terryence F. Chapman	Reg. No. 32 549
Phone: (616) 381-1156	Mark L. Maki	Reg. No. 36 589
Fax: (616) 381-5465	David S. Goldenberg	Reg. No. 31 257
	Sidney B. Williams, Jr.	Reg. No. 24 949
	Liane L. Churney	Reg. No. 40 694
	Brian R. Tumm	Reg. No. 36 328
	Tricia R. Cobb	Reg. No. 44 621

Encl: Form PTO-1449 (2 sheets) with a Copy of all references listed on Page 2

Copy of GB App. No. 9906603.7 Search Report
dated 6 July 1999

136.0112

INFORMATION
DISCLOSURE
CITATION

Applicant: J. [redacted] HODGSON
 Ser.No. : 09/937 376 Filed : September 21, 2001
 Conf. No.: 8005 Atty.Ref.: R&G Case 328
 Group : Unknown

U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Sub Class	Filing Date
	AA	5 838 818	November 1998	HERLEY		
	AB	5 956 431	September 1999	IOURCHA, et al		
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Sub Class	Translation Yes	No
	AL	10-056562A	Feb 1998	Japan		Abstract	
	AM						
	AN						
	AO						
	AP						

OTHER DOCUMENTS (Including Author, Title, Date, Pages, Etc.)

	AR	Copy of Savage 3D web page from internet, January 1999
	AS	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

INFORMATION DISCLOSURE CITATION	Applicant: J. An HODGSON
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	Conf. No.: 8005 Atty.Ref.: R&G Case 328
	Group : Unknown

U.S. PATENT DOCUMENTS							
Examiner Initial*	Document Number	Date	Name	Class	Sub Class	Filing Date	
	AA						
	AB						
	AC						

FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Sub Class	Translation Yes No	
	AD	WO 99 18537 A	April 1999	WIPO			
	AE						

OTHER DOCUMENTS (Including Author, Title, Date, Pages, Etc.)	
AF	LEGER, A., et al, "Still Picture Compression Algorithms Evaluated for International Standardisation", Proceedings of the Global Telecommunications Conference and Exhibition (GLOBECOM), US, New York, Vol.--, 1989, pp. 1028-1032.
AG	BEERS, A. C., et al, "Rendering From Compressed Textures" Computer Graphics Proceedings (SIGGRAPH), US, New York, NY, 1996, pp. 373-378.
AH	WANG, L., et al, "Progressive Image Transmission By Transform Coefficient Residual Error Quantization" IEEE Transactions on Communications, Jan 1988, USA, Vol. 36, no. 1, pp. 75-87.
AI	CHEE, Y-K, "Survey of Progressive Image Transmission Methods", International Journal of Imaging Systems and Technology, 1999, Wiley, USA, Vol. 10, no. 1, pp. 3-19.
AJ	WALLACE, G. K., "The JPEG Still Picture Compression Standard", Third Annual EIA Digital Video Workshop, Arlington, VA, USA, 9-11 Oct. 1991, Vol. 38, no. 1, pp. xviii-xxxiv.
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AL	BURT, P. J., et al, "The Laplacian Pyramid as a Compact Image Code", IEEE Transactions on Communications, US, IEEE, Inc., New York, vol. Com 31, no. 4, April 1983 pp. 532-540.
AM	Kossentini, F., et al, "Image Coding with Variable Rate RVQ", 1992 IEEE International Conference on Acoustics, Speech and Signal Processing, San Francisco, CA, USA, 23-26 March 1992, pp. 369-372, vol. 3. 1992, New York, NY
AN	FRANTI, P., et al, "Compression of Digital Images by Block Truncation Coding: A Survey", Computer Journal, 1994, UK, vol. 37, no. 4, pp. 308-332.
AO	DELP, E. J., et al, "Image Compression Using Block Truncation Coding (BTC)", IEEE Transactions on Communications, 1979, USA, Com-27, no. 9, pp 1335-1342.
AP	ALGAZI, V. R., et al, "Perceptually Transparent Coding of Still Images", IEICE Transactions on Communications, Institute of Electronics Information and Comm. Eng. Tokyo, vol. E75-B, no. 5, May 1992, pp. 340-348.
AQ	KELLER, R., et al, "XMovie: Architecture and Implementation of a Distributed Movie System", ACM Transactions on Information Systems, US, Assoc. for Computing Machinery, New York, Vol. 13, no. 4, 1995, pp. 471-499.
AR	WILLIAMS, L., "Pyramidal Parametrics", Computer Graphics, US, New York, NY, vol. 17, no. 3, July 1983, pp. 1-11-11.
AS	KNITTEL, G., et al, "Hardware for Superior Texture Performance", Eurographics Workshop on Graphics Hardware, July 1995, pp. 33-40.

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